

Absolute Value Inequality

midpoint between given coordinates

distance between a coordinate and
the midpoint

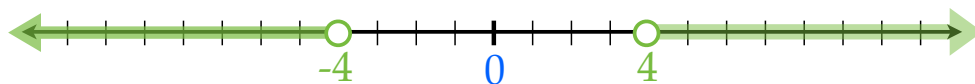
$$|x - a| \leq b$$

and \Rightarrow "less than" or \Rightarrow "greater than"

Determine the absolute value inequality from the following graphs.

$$|x - a| \leq b$$

and \Rightarrow "less than" or \Rightarrow "greater than"



Determine the absolute value inequality from the following graphs.

$$|x - a| \begin{matrix} < \\ > \end{matrix} b$$

and \Rightarrow "less than"
or equal to

or \Rightarrow "greater than"

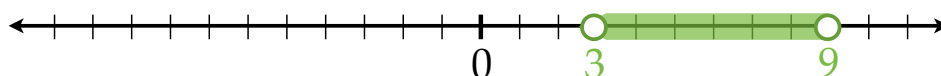


Determine the absolute value inequality from the following graphs.

$$|x - a| \begin{matrix} < \\ > \end{matrix} b$$

and \Rightarrow "less than"

or \Rightarrow "greater than"

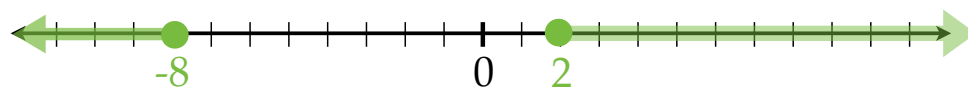


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and \Rightarrow less than
or equal to *or* \Rightarrow greater than
or equal to